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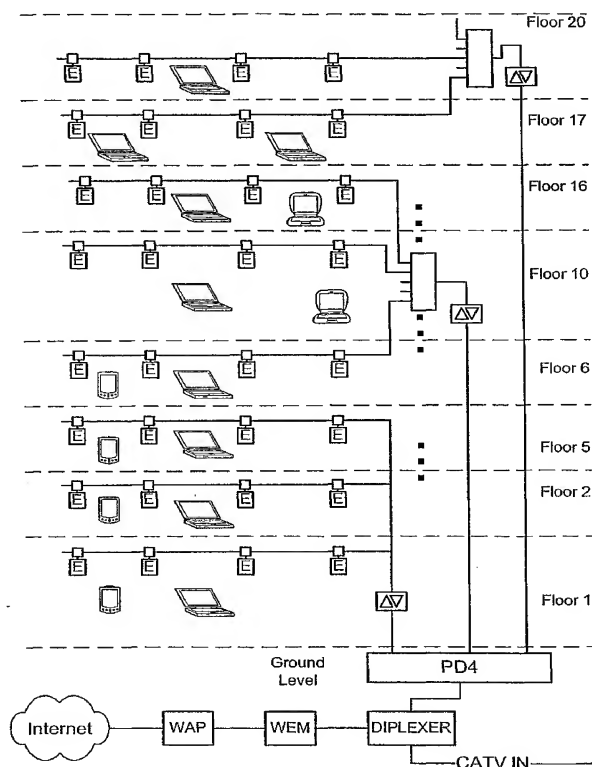
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(54) Title: WLAN SERVICES OVER CATV USING CSMA/CA



(57) Abstract: A communication system that provides access within an analog portion of a WLAN system, namely in its RF propagation-radiation section. The network includes a wireless entrance module (WEM) and a wireless access point (AP) interfaced to the CATV network at a wireless entrance module (WEM). Further, an Enhanced In Door WiFi Unit (EID-WiFi) is connected to the CATV network. The WEM includes downstream carrier sensing of uplink signals and retransmitting the uplink signals back to the downstream path. As such, signals sent according to a WLAN terminal communications protocol traverse the CATV network, without modification, using CSMA/CA.

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